

Eshteal Arak Industrial Engineering Company is the only manufacturer of high-capacity rotary cup burners in the country, and these burners are used by all boiler companies in the country. Among the unique products produced by this company are power valves that are designed for saturated and superheated steam lines. This product was produced for the first time in the country in 2014 in the Mobarake steel complex and at a pressure of 70 bar It has been used successfully Eshteal Arak Industrial Engineering Company has been modernizing its production lines since 2003 and is currently equipped with more than 98 machines, 61 of which are CNC lathes and milling centers (referred to at the end), stepped into the field of producing products with modern sophisticated technology It should be mentioned that this company has succeeded in obtaining the knowledge-based badge on burners and valves during two consecutive periods, and in order to enhance the brand and satisfy customers, the necessary standards such as ISIRI 7595, ISIRI 7594, ISO 3834, ISO 9001:2015 and implemented 5S



The EDCV disc check valve is of the wafer pattern designed to be sandwiched between flanges.

Disc Check Valve



ESHTEAL ARAK

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and precision tools for steam boilers

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Disc check valve

Type EDCV

Description

The EDCV disc check valve is of the wafer pattern designed to be sandwiched between flanges. It is suitable for use on a wide range of fluids for applications in process lines, hot water systems, steam and condensate systems etc.

Designed and manufactured in accordance with BS 7438.



Size and Pipe Connections

DN 25, 40, 50, 80

EDCV can be fitted between BS 10 Tables 'E' and 'H';

BS 4504/ (DIN) PN6, 10, 16, 25, 40;

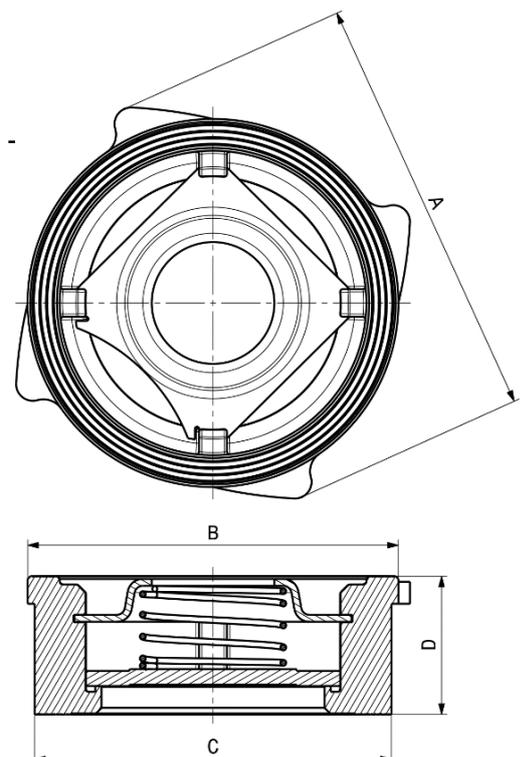
JIS 5, 10, 16, 20 flanges with the following exception: -

DN 40, 50 and 80 – will not fit between JIS 5 flanges

DN 80 – will not fit between BS 10 'E' flanges.

Dimensions (approx.) in mm

Size	A	B	C	D
1" DN25	80.5	63	55	22
1 ½" DN40	101	85	79	31.5
2" DN50	115	95	93	40
3" DN80	154	133	128	50

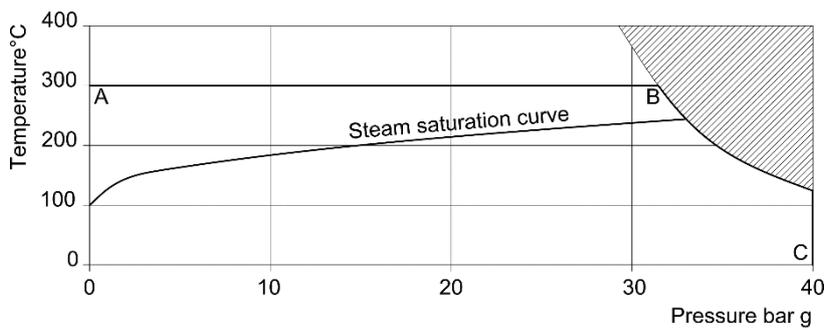


Limiting conditions

Maximum body design conditions	PN40
PMO - Maximum operating pressure	40 bar g
TMO - Maximum operating temperature	300°C
Minimum operating temperature	-50°C
Maximum cold hydraulic test pressure	60 bar g

Operating range

EDCV (A – B – C –)



 This product must not be used in this region.

Materials

Item	Part Name	Material
1	Body	Stainless steel
2	Disc	Stainless steel
3	Spring retainer	Stainless steel
4	Spring	Stainless steel

